

DaimlerChrysler AG

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Patent claims

1. A vehicle seat having a backrest (11), having an
in particular vertically adjustable headrest (12) which
10 has a head cushion (16), and having a device (13) for
warming the nape and head area of a seat user with warm
air, which comprises an electric heating unit (21) and
an air vent (17) which is arranged in an intermediate
space between the backrest (11) and head cushion (16)
15 and has a housing (18) with an air outlet opening (20)
which is formed therein and points toward the nape and
head area of the seat user, and an air outlet opening
(19) lying opposite said air inlet opening (20),
characterized in that the electric heating unit (21) is
20 integrated in the air vent (17).

2. The vehicle seat as claimed in claim 1,
characterized in that the electric heating unit (21) is
arranged between the air inlet opening (19) and air
25 outlet opening (20), and has at least one electric
heating coil (23) or a PCT heating element.

3. The vehicle seat as claimed in claim 1 or 2,
characterized in that a blower (22), preferably a
30 miniature fan (24), is integrated into the air vent
(17).

4. The vehicle seat as claimed in claim 3,
characterized in that the blower (22) is arranged
35 between the air inlet opening (19) and air outlet
opening (20) on one side of the electric heating unit
(21).

5. The vehicle seat as claimed in one of claims 1 to 4, characterized in that the head cushion (16) is attached to a supporting bracket (15) which sticks into the backrest (11), and in that the air vent (17) is
5 arranged on the supporting bracket (15).

6. The vehicle seat as claimed in one of claims 1 to 4, characterized in that the air vent (17) is secured to the head cushion (16) with attachment means.

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7. The vehicle seat as claimed in claim 6, characterized in that the attachment means have rubber bands and/or touch and close fasteners.

15 8. The vehicle seat as claimed in one of claims 5 to 7, characterized in that the air vent (17) has a panel (30) which covers the remaining intermediate space between the backrest (11) and head cushion (16) and preferably engages over the rear of the backrest (11)
20 and head cushion (16).

9. The vehicle seat as claimed in one of claims 1 to 4, characterized in that the backrest (11) has a backrest extension (14) which extends upwards behind
25 the rear side of the head cushion (16) of the headrest (12), and in that the air vent (17) is arranged in the backrest extension (14).

10. The vehicle seat as claimed in one of claims 1 to
30 4, characterized in that the backrest (11) is arranged directly in front of a rear wall (32) which bounds a passenger cell, and the headrest (12) is secured to the rear wall (32), and in that the air vent (17) is inserted into a cutout which is provided in the rear
35 wall (32) above the backrest (11).

11. The vehicle seat as claimed in one of claims 1 to 10, characterized in that the air vent (17) is designed

so as to be pivotable about a vertical and/or horizontal pivot axis (29).

12. The vehicle seat as claimed in one of claims 1 to 5 10, characterized in that the housing (18) of the air vent (17) is of spherical design and is held in a rotatable fashion between two spatially secured spherical shells (25, 26).

10 13. The vehicle seat as claimed in claim 12, characterized in that the spherical shells (25, 26) are attached to the supporting bracket (15) of the headrest (12) or in the backrest extension (14) of the backrest (11) or in the rear wall (32) of the passenger cell.